Hands-free system for mobile phones

The hands-free system is a function that allows you to use your mobile phone without touching it.

This system supports Bluetooth® mobile phones. Bluetooth® is a wireless data system that allows the mobile phone to wirelessly connect to the hands-free system and make/receive calls.

▶ Vehicles with a navigation system

Owners of models equipped with a navigation system should refer to the “Navigation System Owner's Manual”.

▶ Vehicles without a navigation system

■ Conditions under which the system will not operate

- If using a mobile phone that does not support Bluetooth®
- If the mobile phone is switched off
- If you are outside service range
- If the mobile phone is not connected
- If the mobile phone's battery is low
- If the mobile phone is behind the seat or in the glove box or console box
- If metal is covering or touching the phone

■ When using the hands-free system

- The audio system and voice guidance are muted when making a call.
- If both parties speak at the same time, it may be difficult to hear.
- If the incoming call volume is overly loud, an echo may be heard.
- Try to face toward the microphone as much as possible when speaking.
- In the following circumstances, it may be difficult to hear the other party:
  - When driving on unpaved roads
  - When driving at high speeds
  - When a window is open
  - When the air conditioning is blowing directly on the microphone
  - When the air conditioning is set to high

■ When transferring ownership of the vehicle

Be sure to initialize the system to prevent personal data from being improperly accessed. (→P. 317)

■ About Bluetooth®

Bluetooth is a registered trademark of Bluetooth SIG. Inc.

Compatible models

Compatible with HFP (Hands Free Profile) Ver. 1.0 or higher (Conformed: Ver. 1.5) and OPP (Object Push Profile) Ver. 1.1.

If your mobile phone does not support HFP, you cannot enter the Bluetooth® phone. If your mobile phone supports OPP alone, you cannot use the Bluetooth® phone.

Certification for the hands-free system

FCC ID: AJDK018
IC ID: 775E-K018
MADE IN JAPAN

This device complies with Part 15 of the FCC Rules and RSS-Gen and RSS-210 of IC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION

FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Radio Frequency Radiation Exposure. This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 7.9 in. (20 cm) and more between the radiator and person’s body (excluding extremities: hands, wrists, feet and ankles).

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Caution while driving

Do not use a mobile phone or connect the Bluetooth® phone.

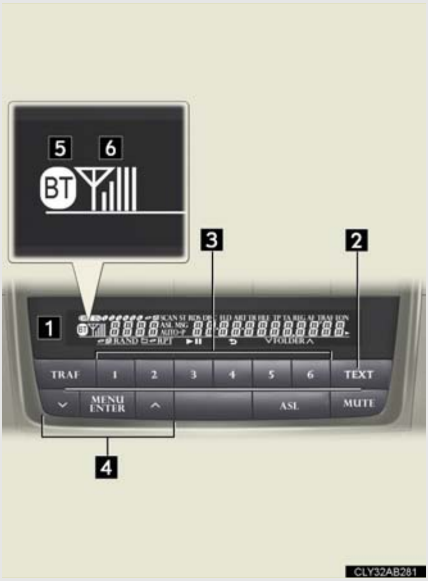
NOTICE

■ To prevent damage to mobile phones

Do not leave mobile phones in the vehicle. The temperature inside the vehicle may become high, resulting in damage to the phone.

Using the hands-free system (for mobile phones)

■ Audio unit



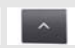
1 Display
A message, name, phone number, etc. is displayed.

Lower-case characters and special characters cannot be displayed.

2 Displays information that is too long to be displayed at one time on the display (press and hold)

3 Selects speed dials

4 Selects items such as menu and number

 : Selects an item



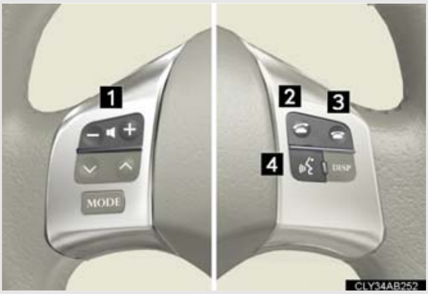
: Inputs the selected item

5 Bluetooth® connection condition

If “BT” is not displayed, the hands-free phone system cannot be used.

6 Reception level

■ Steering wheel switches



1 Volume

During an incoming call: Adjusts the ring tone volume

During an ongoing call: Adjusts the receiver volume

The voice guidance volume cannot be adjusted using this button.

2 Off-hook switch

Turns the hands-free system on/starts a call

3 On-hook switch

Turns the hands-free system off/ends a call/refuses a call

4 Talk switch

Turns the voice command system on (press)/turns the voice command system off (press and hold)

■ Microphone



Operating the system using voice commands

By following voice guidance instructions output from the speaker, voice commands enable the operation of the hands-free phone system without the need to check the display or operate ,  and 

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Operation procedure when using voice commands

Press the talk switch and follow the voice guidance instructions.

Auxiliary commands when using voice commands

The following auxiliary commands can be used when operating the system using a voice command:

"Cancel": Exits the hands-free phone system
"Repeat": Repeats the previous voice guidance instruction
"Go back": Returns to the previous procedure
"Help": Reads aloud the function summary if a help comment is registered for the selected function

Using the hands-free phone system for the first time

Before using the hands-free phone system, it is necessary to register a mobile phone in the system. The system will enter phone registration mode automatically when starting the system with no mobile phone registered. Follow the procedure below to register (pair) a mobile phone:

STEP 1 Press the off-hook switch or the talk switch.

The introductory guidance and phone name registration instructions are heard.

STEP 2 Select “Pair Phone” using a voice command or , and .

STEP 3 Register a phone name by either of the following methods:

a. Select “Record Name” using , and , and say the name to be registered.

b. Press the talk switch and say the name to be registered.

A voice guidance instruction to confirm the input is heard.

STEP 4 Select “Confirm” using a voice command or , and .

A passkey is displayed and heard, and a voice guidance instruction for inputting the passkey into the mobile phone is heard.

STEP 5 Input the passkey into the mobile phone.

Refer to the manual that comes with the mobile phone for the operation of the phone.

Guidance for registration completion is heard.

If the mobile phone has a Bluetooth® audio player, the audio player can be registered at the same time. A voice guidance instruction to register a Bluetooth® audio player is heard.

STEP 6 Select “Yes” or “No” using a voice command or , and . (Bluetooth® audio player →P. 276)

Menu list of the hands-free phone system

Normal operation

First menu	Second menu	Third menu	Operation detail
“Callback”	-	-	Dialing a number stored in the incoming call history memory
“Redial”	-	-	Dialing a number stored in the outgoing call history memory
“Phonebook”	“Add Entry”	-	Adding a new phone number
	“Change Name”	-	Changing the registered name in the phone book
	“Delete Entry”	-	Deleting the registered data
	“Del Spd Dial”	-	Deleting speed dials
	“List Names”	-	Listing the registered data
	“Speed Dial”	-	Setting speed dials

First menu	Second menu	Third menu	Operation detail
"Setup"	"Security"	"Set PIN"	Setting a PIN code
		"Phbk Lock"	Locking the phone book
		"Phbk Unlock"	Unlocking the phone book
	"Phone Setup"	"Pair Phone"	Registering the mobile phone to be used
		"Connect"	Selecting a mobile phone to be used
		"Change Name"	Changing the registered name of a mobile phone
		"List Phones"	Listing the registered mobile phones
		"Set Passkey"	Changing the passkey
		"Delete Phone"	Deleting a registered mobile phone
	"System Setup"	"Guidance Vol"	Setting voice guidance volume
		"Device Name"	Displaying the Bluetooth® device address and name
		"Initialize"	Initializing the system

■ Short cut key operation

First menu	Second menu	Operation detail
“Dial XXX (name)”	-	Dialing a name registered in the phone book
“Phone book add Entry”	-	Adding a new phone number
“Phone book Change name”	-	Changing a registered name in the phone book
“Phone book Delete Entry”	-	Deleting the registered data
“Phone book List names”	-	Listing the registered data
“Phone book Set Speed Dial”	-	Setting speed dials
“Phone book Delete Speed Dial”	-	Deleting speed dials
“Dial XXX (number)”	-	Dialing by inputting a number
“Phonebook”	“Phonebook Unlock”	Unlocking the phone book
	“Phonebook Lock”	Locking the phone book

■ Automatic volume adjustment

When vehicle speed reaches 50 mph (80 km/h) or more, the volume automatically increases. The volume returns to the previous volume setting when vehicle speed drops to 43 mph (70 km/h) or less.

■ When using a voice command

For numbers, say a combination of single digits from zero to nine, # (pound), ∗ (star), and + (plus).

Say the command correctly and clearly.

■ Situations in which the system may not recognize your voice

- When driving on rough roads
- When driving at high speeds
- When air is blowing out of the vents onto the microphone
- When the air conditioning fan emits a loud noise

■ Operations that cannot be performed while driving

- Operating the system with  ,  and 

- Registering a mobile phone to the system

■ Changing the passkey

→P. 313

Making a phone call

Making a phone call

- Dialing by inputting a number
  "Dial by number"
- Dialing by inputting a name
  "Dial by name"
- Speed dialing
- Dialing a number stored in the outgoing history memory
  "Redial"
- Dialing a number stored in the incoming history memory
  "Call back"

Receiving a phone call

- Answering a phone call
- Refusing a phone call

Transferring a phone call

Call waiting

Using the call history memory

- Dialing
- Storing data in the phone book
- Deleting

Dialing by inputting a number

STEP 1 Press the talk switch and say “Dial by number”.

STEP 2 Press the talk switch and say the phone number.

STEP 3 Dial by one of the following methods:

a. Press the off-hook switch.

b. Press the talk switch and say “Dial”.

c. Select “Dial” using ,  and .

Dialing by inputting a name

STEP 1 Press the talk switch and say “Dial by name”.

STEP 2 Select a registered name to be input by either of the following methods:

a. Press the talk switch and say a registered name.

b. Press the talk switch and say “List Names”. Press the talk switch when the desired name is read aloud.

STEP 3 Dial by one of the following methods:

a. Press the off-hook switch.

b. Press the talk switch and say “Dial”.

c. Select “Dial” using ,  and .

Speed dialing

STEP 1 Press the off-hook switch.

STEP 2 Press the preset button in which the desired number is registered.

STEP 3 Press the off-hook switch.

When receiving a phone call

■ Answering a phone call

Press the off-hook switch.

■ Refusing a phone call

Press the on-hook switch.

Transferring a phone call

A call can be transferred between the mobile phone and system while dialing, receiving a call, or during a call. Use one of the following methods:

a. Operate the mobile phone.

Refer to the manual that comes with the mobile phone for the operation of the phone.

b. Press the off-hook switch[*1].

c. Press the talk switch and say “Call Transfer”[*2].

*1: This operation can be performed only when transferring a call from the mobile phone to the system during a call.

*2: While the vehicle is in motion, calls cannot be transferred from the system to the mobile phone.

Call waiting

When a call is interrupted by an incoming call from a third party, the following options will become available:

- Answer the incoming call: Press the off-hook switch. (Press the off-hook switch again as necessary to switch back and forth between calls.)
- Refuse the incoming call: Press the on-hook switch.

Using the call history memory

Follow the procedure below to use a number stored in the call history memory:

STEP 1 Press the talk switch and say "Redial" (when using a number stored in the outgoing call history memory) or "Call back" (when using a number stored in the incoming call history memory).

STEP 2 Select the number by either of the following methods:

a. Say "Previous" or "Go back" until the desired number is displayed.

b. Select the desired number using ,  and .

STEP 3 The following operations can be performed:

Dialing: Press the off-hook switch or select "Dial" using a voice command or ,  and .

Storing the number in the phone book: Select "Store" and then "Confirm" using a voice command or ,  and .

Deleting: Select "Delete" and then "Confirm" using a voice command or ,  and .

■ Call waiting

● If your phone does not support HFP Ver. 1.5, this function cannot be used.

● Call waiting operation may differ depending on your mobile phone and service provider.

■ Call history

Up to 5 numbers can be stored in each of the outgoing and incoming call history memories.

■ When talking on the phone

● Do not talk at the same time as the other party.

● Keep the volume of the incoming voice down. Otherwise, voice echo will increase.

Setting a mobile phone

Registering a mobile phone in the hands-free phone system allows the system to function. The following functions can be used for registered mobile phones:

Functions and operation procedures

To enter the menu for each function, follow the steps below using a voice command or ,  and :

- Registering a mobile phone
  1. "Setup" → 2. "Phone Setup" → 3. "Pair Phone"
- Selecting a mobile phone to be used
  1. "Setup" → 2. "Phone Setup" → 3. "Connect Phone (Connect)"
- Changing the registered name of a mobile phone
  1. "Setup" → 2. "Phone Setup" → 3. "Change Name"
- Listing the registered mobile phones
  1. "Setup" → 2. "Phone Setup" → 3. "List Phones"
- Changing the passkey
  1. "Setup" → 2. "Phone Setup" → 3. "Set Passkey"
- Deleting a registered mobile phone
  1. "Setup" → 2. "Phone Setup" → 3. "Delete Phone"

Registering a mobile phone

Select "Pair Phone" using a voice command or ,  and , and perform the procedure for registering a mobile phone. (→P. 301)

Selecting a mobile phone to be used

STEP 1 Select “Connect Phone (Connect)” using a voice command or , and .

▶ Pattern A

STEP 2 Select the mobile phone to be used by either of the following methods, and select “Confirm” by using a voice command or , and :

a. Press the talk switch and say the name of the desired mobile phone.

b. Press the talk switch and say “List Phones”. When the name of the desired mobile phone is read aloud, press the talk switch.

▶ Pattern B

STEP 2 Select the mobile phone to be used using , and .

Changing the registered name of a mobile phone

STEP 1 Select “Change Name” using a voice command or , and .

▶ Pattern A

STEP 2 Select the name of the mobile phone to be changed by either of the following methods, and select “Confirm” using a voice command or , and :

a. Press the talk switch and say the name of the desired mobile phone.

b. Press the talk switch and say “List Phones”. When the name of the desired mobile phone is read aloud, press the talk switch.

▶ Pattern B

STEP 2 Select the desired mobile phone name to be changed using , and .

STEP 3 Press the talk switch or select “Record Name” using , and , and say the new name.

STEP 4 Select “Confirm” using a voice command or , and .

Listing the registered mobile phones

Select "List Phones" using a voice command or , and .
The list of registered mobile phones will be read aloud.
When listing is complete, the system returns to "Phone Setup".

Pressing the talk switch while the name of a mobile phone is being read aloud selects the mobile phone, and the following functions will become available:

- Selecting a mobile phone: "Connect Phone (Connect)"
- Changing a registered name: "Change Name"
- Deleting a mobile phone: "Delete Phone"

Changing the passkey

STEP 1 Select "Set Passkey" using a voice command or , and .

▶ Pattern A

STEP 2 Press the talk switch, say a 4 to 8-digit number, and select "Confirm" using a voice command or , and .

▶ Pattern B

STEP 2 Select a 4 to 8-digit number using , and .

The number should be input 1 digit at a time.

STEP 3 When the entire number to be registered as a passkey has been input, press again.

If the number to be registered has 8 digits, pressing is not necessary.

Deleting a registered mobile phone

STEP 1 Select “Delete Phone” using a voice command or , , and .

▶ Pattern A

STEP 2 Select the mobile phone to be deleted by either of the following methods and select “Confirm” using a voice command or , and :

a. Press the talk switch and say the name of the desired mobile phone.

b. Press the talk switch and say “List Phones”. When the name of the desired mobile phone is read aloud, press the talk switch.

▶ Pattern B

STEP 2 Select the desired mobile phone to be deleted using , and .

If the mobile phone to be deleted is paired as a Bluetooth® audio player, the registration of the audio player can be deleted at the same time. A voice guidance instruction to delete a Bluetooth® audio player is heard.

STEP 3 Select “Yes” or “No” using a voice command or , , and . (Bluetooth® audio player →P. 276)

■ **The number of mobile phones that can be registered**

Up to 6 mobile phones can be registered in the system.

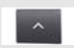
Security and system setup

■ Security setting items and operation procedures

To enter the menu for each function, follow the steps below using a voice command or ,  and :

- Setting or changing the PIN (Personal Identification Number)
  1. "Setup" → 2. "Security" → 3. "Set PIN"
- Locking the phone book
  1. "Setup" → 2. "Security" → 3. "Phonebook Lock (Phbk Lock)"
- Unlocking the phone book
  1. "Setup" → 2. "Security" → 3. "Phonebook Unlock (Phbk Unlock)"

■ System setup items and operation procedures

To enter the menu for each function, follow the steps below using ,  and :

- Setting voice guidance volume
  1. "Setup" → 2. "System Setup" → 3. "Guidance Vol"
- Displaying the Bluetooth® device address and name
  1. "Setup" → 2. "System Setup" → 3. "Device Name"
- Initializing the system
  1. "Setup" → 2. "System Setup" → 3. "Initialize"

Setting or changing the PIN

Setting a PIN

STEP 1 Select “Set PIN” using a voice command or , and .

STEP 2 Enter a PIN using a voice command or , and .

When using , and , input the code 1 digit at a time.

Changing the PIN

STEP 1 Select “Set PIN” using a voice command or , and .

STEP 2 Enter the registered PIN using a voice command or , and .

STEP 3 Enter a new PIN using a voice command or , and .

When using , and , input the code 1 digit at a time.

Locking or unlocking the phone book

STEP 1 Select “Phonebook Lock (Phbk Lock)” or “Phonebook Unlock (Phbk Unlock)” using a voice command or , and .

STEP 2 Input the PIN by either of the following methods and select “Confirm” using a voice command or , and :

a. Press the talk switch and say the registered PIN.

b. Input a new PIN using , and .

Setting voice guidance volume

STEP 1 Select “Guidance Vol” using , and .

STEP 2 Change the voice guidance volume using , and .

Displaying the Bluetooth® device address and name

STEP 1 Select “Device Name” using , and .

STEP 2 Press or to display the Bluetooth® device address and name.

STEP 3 Select “Go Back” using , and to return to “System Setup”.

Initializing the system

STEP 1 Select “Initialize” and then “Confirm” using , and .

STEP 2 Select “Confirm” again using , and .

■ Initialization

- The following data in the system can be initialized:
    - Phone book
    - Outgoing and incoming call history
    - Speed dials
    - Registered mobile phone data
    - Security code
    - Registered Bluetooth® enabled portable player data
    - Passkey for the mobile phones
    - Passkey for the Bluetooth® audio players
    - Guidance volume
    - Receiver volume
    - Ring tone volume
- Once the initialization has been completed, the data cannot be restored to its original state.

■ When the phone book is locked

The following functions cannot be used:

- Dialing by inputting a name
- Speed dialing
- Dialing a number stored in the call history memory
- Using the phone book

Using the phone book

To enter the menu for each function, follow the steps below using a voice command or ,  and :

- Adding a new phone number
  1. "Phonebook" → 2. "Add Entry"
- Changing the registered name in the phone book
  1. "Phonebook" → 2. "Change Name"
- Listing the registered data
  1. "Phonebook" → 2. "List Names"
- Setting speed dials
  1. "Phonebook" → 2. "Set Speed Dial (Speed Dial)"
- Deleting the registered data
  1. "Phonebook" → 2. "Delete Entry"
- Deleting speed dials
  1. "Phonebook" → 2. "Delete Speed Dial (Del Spd Dial)"

Adding a new phone number

The following methods can be used to add a new phone number:

- Inputting a phone number using a voice command
- Transferring data from the mobile phone
- Inputting a phone number using ,  and 
- Selecting a phone number from outgoing or incoming call history

Adding procedure

STEP 1 Select "Add Entry" using a voice command or , and .

STEP 2 Use one of the following methods to input a telephone number:

Inputting a telephone number using a voice command:

STEP2-1 Select "By Voice" using a voice command or , and .

STEP2-2 Press the talk switch, say the desired number, and select "Confirm" using a voice command.

Transferring data from the mobile phone:

STEP2-1 Select "By Phone" and then "Confirm" using a voice command or , and .

STEP2-2 Transfer the data from the mobile phone.

Refer to the manual that comes with the mobile phone for details on transferring data.

STEP2-3 Select the data to be registered by either of the following methods:

a. Say "Previous" or "Next" until the desired data is displayed, and select "Confirm" using a voice command.

b. Select the desired data using , and .

Inputting a phone number using , and :

STEP2-1 Select "Manual Input" using , and .

STEP2-2 Input a phone number using , and , and press again.

Input the phone number 1 digit at a time.

Selecting a phone number from the outgoing or incoming call history:

STEP2-1 Select "Call History" using a voice command or , and .

STEP2-2 Select "Outgoing" or "Incoming" using a voice command or , and .

STEP2-3 Select the data to be registered by either of the following methods:

a. Say "Previous" or "Go back" until the desired data is displayed, and select "Confirm" using a voice command.

b. Select the desired data using , and .

STEP 3 Select the name to be registered by either of the following methods, and select "Confirm" using a voice command or , and :

a. Press the talk switch and say the desired name.

b. Select "Record Name" using , and , and say the desired name.

STEP 4 Select "Confirm" using a voice command or , and .

In STEP 4 , selecting "Set Speed Dial (Speed Dial)" instead of "Confirm" registers the newly added phone number as a speed dial.

Changing the registered name in the phone book

STEP 1 Select “Change Name” using a voice command or , and .

▶ Pattern A

STEP 2 Select the name to be changed by either of the following methods, and select “Confirm” using a voice command or , and :

a. Press the talk switch and say the desired name.

b. Press the talk switch and say “List Names”. When the desired name is read aloud, press the talk switch.

▶ Pattern B

STEP 2 Select the desired name to be changed using , and .

STEP 3 Press the talk switch or select “Record Name” using , and , and say the new name.

STEP 4 Select “Confirm” using a voice command or , and .

Listing the registered data

Select “List Names” using a voice command or , and .
The list of the registered data will be read aloud.
When listing is complete, the system returns to the “Phonebook”.

Pressing the talk switch while the desired data is being read aloud selects the data, and the following function will become available:

- Dialing: “Dial”
- Changing a registered name: “Change Name”
- Deleting an entry: “Delete Entry”
- Setting a speed dial: “Set Speed Dial (Speed Dial)”

Setting speed dials

STEP 1 Select "Set Speed Dial (Speed Dial)" using a voice command or , and .

▶ Pattern A

STEP 2 Select the data to be registered as a speed dial by either of the following methods and select "Confirm" using a voice command or , and :

a. Press the talk switch and say the desired name.

b. Press the talk switch and say "List Names". When the desired name is read aloud, press the talk switch.

▶ Pattern B

STEP 2 Select the desired data using , and .

STEP 3 Select the desired preset button and register the data into speed dial by either of the following methods:

a. Press the desired preset button and select "Confirm" by using a voice command or , and .

b. Press and hold the desired preset button.

Deleting the registered data

STEP 1 Select "Delete Entry" using a voice command or , and .

▶ Pattern A

STEP 2 Select the data to be deleted by either of the following methods and select "Confirm" using a voice command or , and :

a. Press the talk switch and say the name of the desired phone number.

b. Press the talk switch and say "List Names". When the name of the desired phone number is read aloud, press the talk switch.

▶ Pattern B

STEP 2 Select the desired data to be deleted using , and .

Deleting speed dials

STEP 1 Select "Delete Speed Dial (Del Spd Dial)" using a voice command or , and .

STEP 2 Press the preset button to which the desired speed dial is registered and select "Confirm" using a voice command or , and .

■ Limitation of number of digits

A phone number that exceeds 24 digits cannot be registered.